



Y Fan

ATTORNEY DOCKET NO. 60110USPCT1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

CONFIRMATION NO.: 3084

Lanahan et al.

APPLICATION NO: 10/591,870

INTERNATIONAL APPLICATION NO.: PCT/US04/07182

INTERNATIONAL FILING DATE: 03/08/2004

FOR: SELF-PROCESSING PLANTS AND PLANT PARTS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS
FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE
AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Sir:

The Notification to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures dated March 14, 2007 (a copy of which is enclosed) has a shortened statutory time set to expire on May 14, 2007.

Applicants hereby provide a Computer Readable Form of the Substitute Sequence Listing as well as the Paper Copy thereof. The undersigned states that the Paper Copy and the Computer Readable Form, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same. No new matter has been added.


Applicant believes that there are no fees due in this matter. However, the Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. 50-1744 in the name of Syngenta Biotechnology, Inc.

If any additional information is needed, the Examiner is invited to call the undersigned at (919) 765-5071.

Respectfully submitted,

Syngenta Biotechnology, Inc.
Patent Department
P.O. Box 12257
Research Triangle Park, NC 27709-2257

Date: March 21, 2007



Karen Moon Bruce
Reg. No. 42,366
Attorney for Applicants



Attorney Docket No. 60110USPCT1
U.S. Serial No. 10/591,870

FILING BY "FIRST CLASS MAIL" UNDER 37 C.F.R. § 1.8

I hereby certify that the following correspondence is being deposited with the United States Postal Service as "First Class Mail" with proper postage in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 21, 2007.

- 1) Response to Notification to Comply with Requirements for Patent Applications containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures
- 2) Copy of Notification to Comply with Requirements for Patent Applications containing Nucleotide and/or Amino Acid Sequence Disclosures
- 3) Computer Readable Form of the Sequence Listing
- 4) Paper Copy of Sequence Listing (124 pages total)
- 5) Return Postcard

Sandra Freeland

Name

Sandra Freeland

Signature

BEST AVAILABLE COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

U.S. APPLICATION NUMBER NO.

10/591,870

FIRST NAMED APPLICANT

Lanahan

ATTY. DOCKET NO.

60110USPCT1

INTERNATIONAL APPLICATION NO.

PCT/US04/07182

I.A. FILING DATE

03/08/2004

PRIORITY DATE

22847

SYNGENTA BIOTECHNOLOGY, INC.
PATENT DEPARTMENT
3054 CORNWALLIS ROAD
P.O. BOX 12257
RESEARCH TRIANGLE PARK, NC 27709-2257

CONFIRMATION NO. 3084

371 FORMALITIES LETTER



OC000000022853475

Date Mailed: 03/14/2007

**NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS
CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

BEST AVAILABLE COPY

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

INDIA L EVANS

Telephone: (703) 308-9140 EXT 212

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/591,870	PCT/US04/07182	60110USPCT1

FORM PCT/DO/EO/922 (371 Formalities Notice)

BEST AVAILABLE COPY



STIC Biotechnology Systems Branch

CRF Problem Report

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) experienced a problem when processing the following computer readable form (CRF):

Application Serial Number: 10/591,870
Filing Date: 11/10
Date Processed by STIC: 9/15/06

STIC Contact: Mark Spencer: Telephone: 571-272-2510; Fax: 571-273-0221

Nature of CRF Problem:

- ☒ (circle one) Damaged or Unreadable (for Unreadable, see attached)
☐ Blank (no files on CRF) (see attached)
☐ Empty file (filename present, but no bytes in file) (see attached)
☐ Wrong file saved to CRF (invention title, docket number, or applicant(s) do not match those in official application) (see attached)
☐ Not saved in ASCII text
☐ Sequence Listing was embedded in the file. According to Sequence Rules, submitted file should only be the Sequence Listing.
☐ Did not contain a Sequence Listing. (see attached sample)
☐ Other: _____

**PLEASE USE THE CHECKER VERSION 4.3.1 PROGRAM TO REDUCE ERRORS.
SEE BELOW FOR ADDRESS:**

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>) , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 08/30/05

BEST AVAILABLE COPY

9/15/06



10/591,870

Microsoft(R) Windows 98
(C) Copyright Microsoft Corp 1981-1999.

C:\WINDOWS>A:

A:\>DIR

Volume in drive A has no label
Directory of A:\

CORREC~1	DOC	729,088	08-17-04	1:07p	Corrected Sequence Listing 8-04.doc
1	file(s)	729,088	bytes		
0	dir(s)	728,576	bytes free		

A:\>TYPE CORREC~1.DOC

Read fault error reading drive A
Abort, Retry, Fail?

Microsoft(R) Windows 98
(C) Copyright Microsoft Corp 1981-1999.

C:\WINDOWS>A:

A:\>DIR

Volume in drive A has no label
Directory of A:\

CORREC~1	DOC	729,088	08-17-04	1:07p	Corrected Sequence Listing 8-04.doc
1	file(s)	729,088	bytes		
0	dir(s)	728,576	bytes free		

A:\>TYPE CORREC~1.DOC

Read fault error reading drive A
Abort, Retry, Fail?

Microsoft(R) Windows 98
(C) Copyright Microsoft Corp 1981-1999.

C:\WINDOWS>A:

BEST AVAILABLE COPY